

Installation and Operating Instructions

Raypak Commercial Swimming Pool Heaters

Part 1: Safety warning

Part 2: Models 538 to 4224

Part 3: Warranty

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Date of Installation: _____ // _____ //

Model No. _____

Serial No. _____

Installed by: _____

Purchased from: _____

This Installation and Operating Instructions Manual is provided with the necessary information for the proper installation, operation and maintenance of your Raypak Heater. Please review and follow these procedures carefully. Keep this manual in a safe and accessible place for easy reference in the future.

PART 1 - FOR YOUR SAFETY

**For your safety
do not operate
this appliance
before reading
this instruction
booklet.**

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information consult your Raypak distributor, qualified installer, or service agency.

WHAT TO DO IF YOU SMELL GAS?

DO NOT try to light any gas appliance

DO NOT touch any electrical switch.

Turn off the gas supply at the gas meter

Immediately, call your gas supplier or licensed gasfitter.

NOTE: Some gases are heavier than air and it may be necessary to check for gas leaks at floor level.

CAUTION

DO NOT Operate this appliance before reading this instruction booklet.

DO NOT Place articles on or against appliance.

DO NOT Store chemicals or flammable materials in the same room as this appliance.

DO NOT Store chemicals or flammable materials, on, or spray aerosols near this appliance.

DO NOT Operate with panels, covers or guards removed from appliance.

DO NOT Enclose this appliance (applies to external models only).

DANGER

Water temperatures above 45 Degrees Celsius can cause severe burns. Children, disabled and elderly persons are at the highest risk of being scalded. Feel water before bathing or showering and supervise where necessary.

Keep this manual in a safe and accessible place for easy reference in the future.

This Installation and Operating Instructions Manual is provided with the necessary information for the proper installation, operation and maintenance of your Raypak Heater.

Please review and follow these procedures carefully.

Model No. Serial No. Installation Date

Part No. 209130.5: Effective 08/01/2001 (Replaces: 01/10/2000)



CAUTION!

Ceramic Firetile Refractory is used in Raypak Heaters

Possible risks of irreversible effects

Harmful by inhalation

May be irritating to the skin, eyes and respiratory system.

WHEN HANDLING

- Minimise airborne dust.
- Wear an approved mask or respirator.
- Avoid any contact with the skin and eyes.
- Wear suitable loose-fitting, long-sleeved clothing.
- Wear gloves and eye protection.
- Consult Occupational Health and Safety Authority for any further information.

AFTER HANDLING

- Rinse any exposed skin areas with clean water.
- Wash work clothing separately.

FIRST FIRING OF HEATER

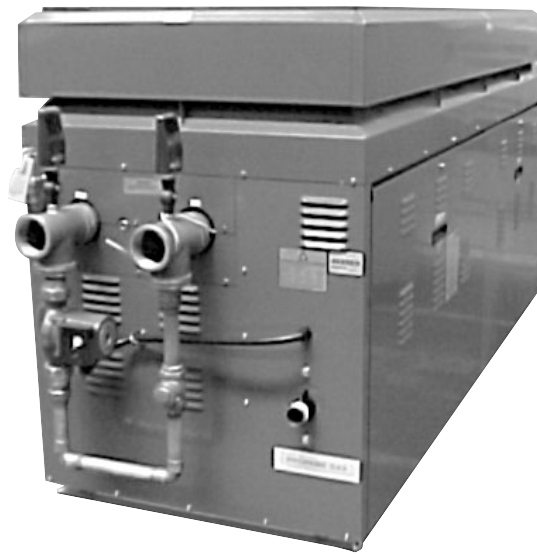
- Fumes and smoke may be produced.
- Avoid breathing fumes, ventilate area to clear.
- Production of smoke should cease within 30 minutes

REMOVAL OF USED PRODUCT

- Wear an approved mask. Over-exposure to dust formed after service may cause respiratory disease since cristobalite, a form of crystalline silica may be formed above 900 degrees Celsius.
- Consult Occupational Health and Safety Authority for further information regarding removal of used ceramic fibre linings.

Raypak Commercial Swimming Pool Heaters

Part 2: Models 538 to 4224



PART 2 - SECTION I - INSTALLATION INSTRUCTIONS

Before commencing installation:

1. **Read these instructions in full !**
2. **Check that the heater you have been supplied is suitable for the type of installation and the gas available. The gas supply pressure must be between the minimum and maximum shown on the heater data plate.**

GENERAL

These instructions are provided to ensure the correct installation and operation of your Raypak Swimming Pool Heater.

Should any questions arise regarding the specifications, installation, operation or servicing of this heater, we suggest that the local representative or Raypak Customer Service be consulted.

Raypak heaters utilise a finned copper tube heat exchanger resulting in a low water content and reduced "stand by" heat losses. Therefore a circulator pump of sufficient capacity to match the heater model must be installed in the system.

Raypak heaters are fitted with Australian Gas Association approved components and all boilers in this range are designed to comply to AG501.

Some models are designed for either indoor or outdoor installation subject to the appropriate

BEEN DAMAGED, WITHOUT FIRST CONSULTING RAYPAK, AS ANY DAMAGE OR FAULTS CAUSED BY UNAUTHORISED START UP MAY NOT BE COVERED BY OUR WARRANTY.

HEATER LOCATION AND CLEARANCES

The heater should be located so that any possible water leaks will not cause damage to any adjacent areas or structures.

When such locations cannot be avoided, it is recommended that a suitable drain pan, adequately drained, be installed under the heater.

This pan must not restrict combustion air flow.

The heater must be mounted on a level non-combustible base such as a concrete slab, concrete plinth, steel plate etc.

Raypak heaters and equipment must not be installed on carpeting.

The front of the heater must not be obscured by any gas or water piping, electrical conduits, trees, fences, or other equipment.

$A = 1.5 \times T$

Where A = Minimum free ventilation area (cm²)

T = Total hourly input of all appliances (kW)

Note: The minimum dimension of any opening shall be 6mm.

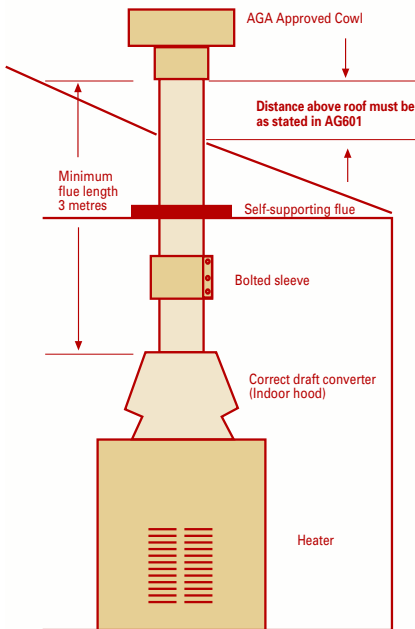
Please take the heater location into account when locating the fresh air intake. Excessive draft will cause the heater to shut down and probable pilot failure. Locations where excessive draft is likely to occur are at risk of major gas leaks and incomplete combustion.

Installation should be in accordance with the instructions on the heater data plate.

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PART 2 - SECTION I - INSTALLATION INSTRUCTIONS

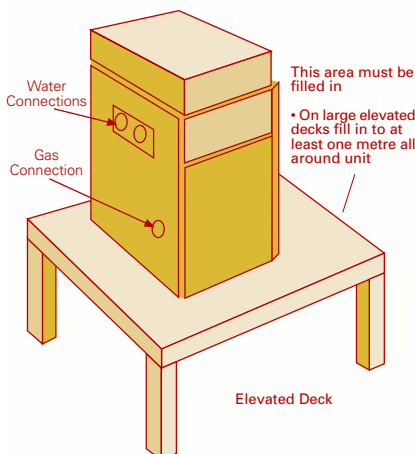
Raypak recommends a minimum length of vertical flue of three (3) metres to ensure correct draft.



OUTDOOR INSTALLATIONS.

An outdoor heater must not be installed inside any roofed structure or under eaves, roof overhangs, or pool decks. It should also be at least 1500 mm, in any direction from any window or fresh air opening.

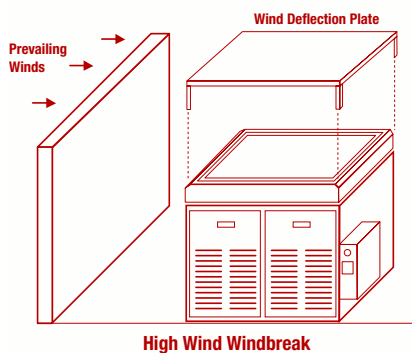
When installing the heater on a raised base, please make sure that the base material is solid and filled in. E.G. If steel mesh decking is used, a suitable plate material must be used to fill in the perforations. This is very important, as any excessive drafts must not be able to enter the unit from directly underneath.



HIGH WIND CONDITIONS

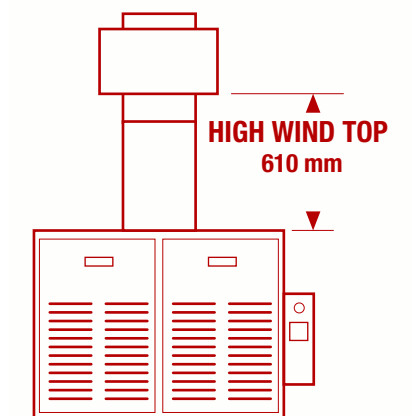
On rare occasions or in areas where high winds frequently occur, it may be necessary to locate the heater a minimum of one (1) metre from high vertical walls, or install a wind break so that the heater is not in direct wind current.

Models 538 to 1852, where the installation may cause "Down draft", Raypak can supply a Wind Deflection Plate (at extra cost), to eliminate constant ignition failures or flame disturbance, the need for which would be determined by an approved Raypak Service Person or Agent.



In areas of "constant extreme winds" or where a Wind Deflection Plate is not appropriate, it may be necessary to replace the "standard" low profile outdoor hood with a HIGH WIND TOP which would be at extra cost.

The HIGH WIND TOP serves the same function as the low profile outdoor hood and should be installed in accordance with the same clearance requirements.



GAS SUPPLY

The gas supply pipe must be sized to give sufficient pressure for the correct operation of the heater. The gas line must be fitted with an isolation valve. Consult AG 601 for further details.

Caution: The gas supply must be isolated from the heater during pressure testing of the gas fitting line.

Dissipate test pressure before reconnecting to the heater.

Failure to follow this procedure may result in damage to the gas valve. (Over pressured valves and equipment are not covered by our warranty.)

The heater and its gas connection must be thoroughly leak tested before placing in operation. Use soapy water and a manometer for leak test.

DO NOT USE NAKED FLAME.

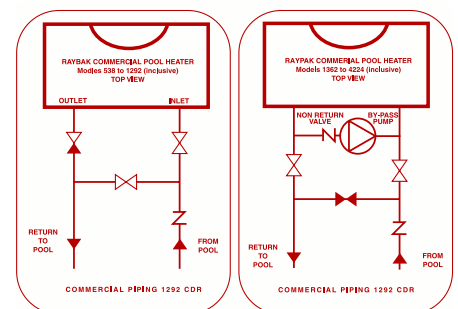
WATER CONNECTIONS AND SYSTEM PIPING

The heater must be installed to the appropriate and/or local codes. For typical piping systems and heater applications it is essential that Raypak be consulted, Raypak heaters do have some special requirements and if you are not familiar with Raypak products we can save you unnecessary inconvenience!

Water pipe connections to heater are:

538 to 1292 - 50 mm copper slip fit or 2" NPT,
1362 to 1922 - 80mm BSP and
2004 to 4224 - 100 mm BSP.

Do not reduce the pipework size and heater water connections without allowing for any friction loss which will occur. Low water flow will cause damage to the heater and system components. Please install pipework using approved fittings and isolating valves that will allow easy disconnection for any future maintenance requirements.



Use a minimum of one (1) metre of copper or stainless steel tube for the final connections to the heater inlet and outlet.

NEVER CONNECT LOW TEMPERATURE PVC PRESSURE PIPE DIRECTLY TO THE HEATER.

A non-return valve must be installed on the inlet side of the heater, after the filter.

PART 2 - SECTION I - INSTALLATION INSTRUCTIONS

PUMP SELECTION

The filtration pump must be sized to provide an adequate water flow for the filtration system and the heater. In some cases however, this can cause a high back pressure which reduces the filtration capacity and in this case it would be more of an advantage to install an additional pump for the heater only. This pump must be installed on the inlet side.

DO NOT connect the pump to the heater outlet.

Some heater models incorporate their own By-Pass Pump but this is used to control the temperature of the water entering the heater to prevent condensation and scale and will not be suitable as the additional pump described above.

Refer to the Flow Rate chart following when sizing the pump.

Where the water flow rate exceeds the maximum shown in the chart, a by pass valve must be installed to reduce the water flow through the heater.

A pump run on timer must be fitted to remove any residual heat from the boiler and prevent any nuisance tripping of the high limit switch.

COMMISSIONING

WARNING: COMMISSIONING MUST ONLY BE UNDERTAKEN BY A PROPERLY AUTHORISED AND IN SOME CASES APPROPRIATELY LICENSED PERSON WHO IS FAMILIAR WITH SAFE COMMISSIONING PROCEDURES. THE COMMISSIONING MAY REQUIRE INSPECTION BY THE GAS SUPPLY AUTHORITY, CHECK IF THIS IS APPLICABLE.

RECOMMENDED COMMISSIONING PROCEDURE.

1. Check that all necessary approvals and appropriate documents have been obtained.
2. Ensure that the heater is clean and the surrounding area is clear of all combustible and flammable materials.
3. Remove all liquids and chemicals from the plant room and check that combustion air openings are not obstructed. Chemicals must not be stored in the plant room - this is extremely dangerous and may damage the heater.
4. Fill the system with water and expel any air as required.
5. Purge all air from gas supply piping.

CAUTION: Liquid Propane Gas is heavier than air and sinks to the ground, exercise extreme care in lighting boiler in confined areas.

6. Test ALL gas connections for leaks, using soapy water and a manometer.

(NOT A NAKED FLAME)

7. Conduct a visual inspection of the heater and equipment for any damage or installation problems and report as necessary.
8. Check that the correct power supply is available and the circulation pump is electrically interlocked with the heater.
9. Check that the ventilation to the plant room complies with Raypak requirements, AG601 and local authority regulations.

If mechanical ventilation is provided, check its operation and any interlocks.
10. Check that the flue complies with the appropriate regulations and is fitted with an approved termination cowl.

11. Check that the gas supply is isolated and with the main gas valve isolation switch turned off, check the boiler gas train and components for gas escapes.

12. Start the circulation pump and verify the pressure switch operation, then test the operation of the heater with no gas flow to confirm its operation up to the lockout status. Pressure switch adjustment is required if the unit won't fire and after faultfinding it is verified that the pressure switch has not closed. Adjust the pressure setting at the thumbwheel to a lower setting, then re start the heater. If the heater fires up but won't shutdown when the water is reduced then it will require adjustment to the thumbwheel to a higher setting and the heater restarted. (In some cases the electrical interlock between the pump and heater may require a temporary disconnection to carry out tests.)

13. Open the gas supply valve, switch on the main valve isolation switch and reset the ignition control to fire the heater.

14. When the unit fires and reaches high fire, set the burner gas pressure to that shown on the data plate which is located on the front of the heater.

15. Verify that the high limit and any other safety devices are operating correctly.

16. Check the water temperature rise of the heater and adjust the water flow as necessary. For models 538-1292, measure the temperature difference between the Inlet and Outlet pipes at the heater, with the unit at full fire.

The difference should be approximately 5 - 10 Deg. C.

If it is lower than recommended, decrease the water flow through the heater.

If it is higher than recommended it indicates that the water flow rate is too low.

For models 1362 to 4224, the temperature gauges which are fitted to the heater can be used as a guide.

The objective is to maintain a temperature of approximately 50 Deg C at the outlet side of the heater, 30 Deg C at the inlet side, with the unit at full fire.

The digital display on the electronic thermostat will indicate the pool water temperature.

17. Check that the flue is operating correctly or if there is evidence of Down draft etc report as necessary.

18. Check operation of any water pressure relief valves etc and set up the controls to desired settings.

19. Ensure that the customer is supplied with this manual and you have demonstrated the operation of the unit etc.

It is quite normal for the heater to produce some smoke and possible condensation for the first thirty (30) minutes of firing from new.

WARNING - Should overheating occur or the gas fail to shut off, turn off the gas isolation valve adjacent to the heater and then examine the unit or call for assistance.

TO TURN OFF THE HEATER

1. Turn the heater ON/OFF power isolation switch to the "OFF" position.
-

EMERGENCY SHUT-DOWN

1. Turn "OFF" the power supply to the heater
2. Turn "OFF" the gas isolation valve fitted close to the heater or the main gas supply.

AFTER START-UP WARNING

Should overheating occur or the gas supply fail to shut off, turn off the gas isolation valve located adjacent to the heater turn off the power supply switch and call for assistance.

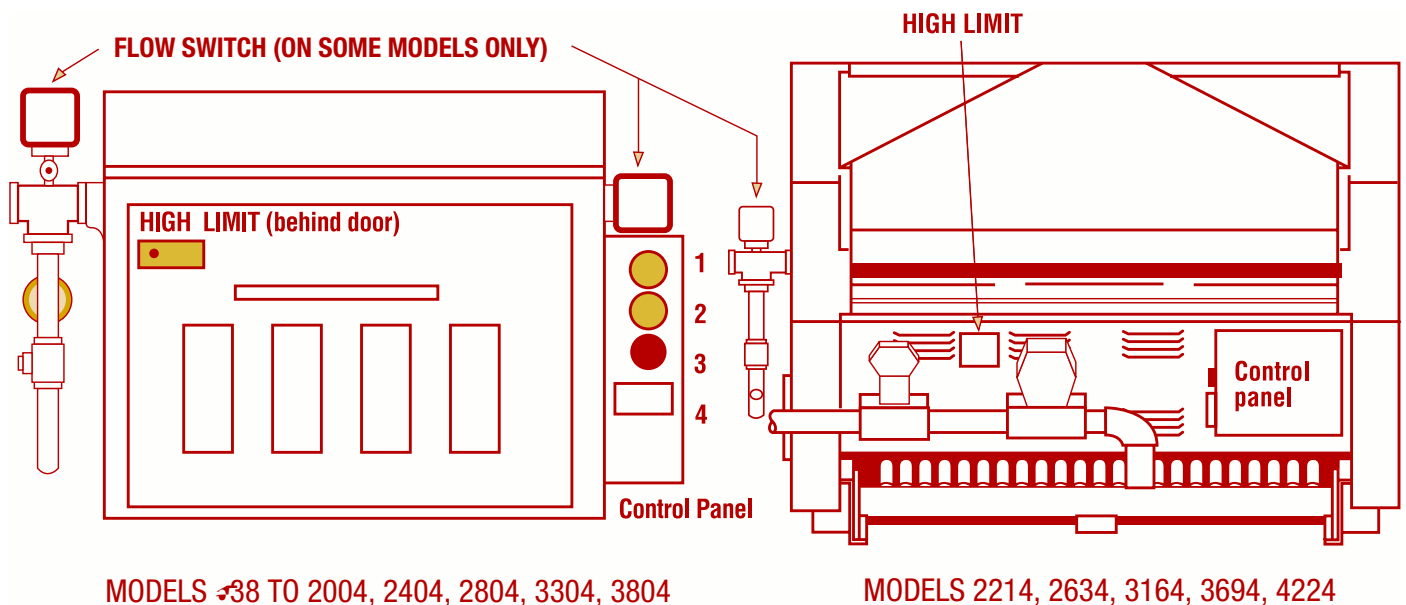
VISUAL INSPECTION FOR DANGER!

Keep the heater area free from chemicals, combustibles and flammable materials.

Do not obstruct.

PART 2 - SECTION II - OPERATING INSTRUCTIONS

LOCATION OF CONTROLS



1. Flame Fail Reset (Illuminates on FAIL)
2. Alarm Fail & Mute Button (if fitted)
3. Alarm Siren (if fitted)
4. Temperature Control (Digital Thermostat)

1. FLAME FAILURE RESET:

This is a combination reset button and indicator lamp. It indicates, when illuminated, that the ignition system has shutdown on its safety control.

2. ALARM FAIL & MUTE BUTTON:

This is an optional extra, which will illuminate when the heater has generally failed to operate on its safety controls. The circuitry activates an audible alarm on fail, which can be silenced by pressing the reset button, however the light will remain illuminated until the cause of the failure has been reset.

4. TEMPERATURE CONTROL:

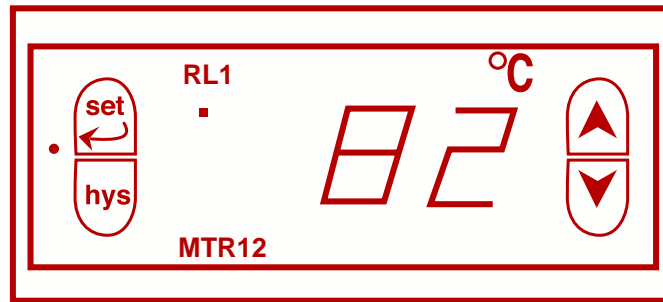
Digital type thermostat with pushbutton adjustment.

3. ALARM SIREN:

This is used in conjunction with the optional extra, ALARM FAIL system and emits a high pitched "warble" when activated.

PART 2 - SECTION II - OPERATING INSTRUCTIONS

LOCATION OF CONTROLS



INSTRUCTIONS FOR USE OF LAE ELECTRONIC THERMOSTATS.

Raypak uses the MTR12T1RES series thermostats which is programmed to operate in the heating mode.

The only adjustments that should normally be required are:-

Set point (set):- Which is the water temperature that you require.

Differential (hys):- Which is the difference between the thermostat turning OFF and then ON again when the temperature has fallen. eg. 1°C would be ideal for controlling a swimming pool.

To Adjust the Set Point:-

- Turn on the power supply to the heater.
- The Digital display will show the actual water temperature.
- Press the "set" button, L1 will be displayed for 2 seconds.
- Then the Set Point temperature will be displayed.
- By pressing the "UP" or "DOWN" button, you can set the desired temperature.

To Adjust the differential:-

- Turn on the power supply to the heater.
- The Digital Display will show the actual water temperature.
- Press the "hys" button, HY1 will be displayed for 2 seconds.
- Then the value will be displayed. (It must be a negative value.)
- Press the "UP" or "DOWN" button to set your desired differential
- This is adjustable from - 1 to -25 which relates to 1 to 25 Deg. C.

LAE ELECTRONIC THERMOSTAT DEFAULT SETTINGS.

Raypak may have programmed this thermostat to avoid any "nuisance" failures as:-

vSP-(Min Set Point) 0°C

- the heater won't operate if the water temperature is below this setting.

^SP-(Max Set Point) 40 Deg. C

- the device turns off the heater if the water temperature exceeds this setting.

rt1-(RL1 Rest Time) 0 min

- there is no delay in relay operation.

PF1-(Probe Failure) OFF

- if the Probe (water sensor) fails, the relay will turn off the heater..

ADJ-(Probe Offset) 0 Deg. C

- the relay operates on actual temperature of the sensor.

HY1-(Mode) -25

- the negative value programs the device for heating.

TAMPER PROOF SETTINGS.

Decide what values for the set point and the differential suits the application. Adjust the program so that "vSP & ^SP" are the same value as the set point and adjust the program so that "HY1" is the same value as the differential. The operator now cannot adjust the settings, however this is not totally foolproof, as re-programming is still possible. For total protection against tampering, fit a locked or anchored cover over the thermostat buttons.



MODELS WHICH ARE CONNECTED TO A MICROZONE SYSTEM

If the heater(s) are operated by a Microzone system, there will be a rotary type control knob fitted which should be aligned to the desired temperature.

HIGH LIMIT SWITCH.

ALL heaters are fitted with a manual reset high limit switch. This control will shut down the heater in the event of a fault with the temperature control and/or overheat of the system.

This setting will vary, depending on the type of system being used but must not be too close to the operating temperature, as nuisance tripping will occur.

The usual setting is approximately 60 - 65 °C

To set the Honeywell L6188C High Limit, remove Philips Head screw next to red reset button, remove lighter grey cover, pull out darker grey top cover to reveal adjustment.

WATER TREATMENT

For your health and the protection of your pool equipment it is absolutely essential that your pool water is chemically balanced.

WARRANTY PROCEDURE FOR WATER LEAKS FROM HEAT EXCHANGER.

CORROSIVE WATER VOIDS ALL WARRANTIES!

1. The service technician inspects the tube bundle, if the water leak is through one or more pinholes (usually caused by corrosion) then the warranty is voided and therefore any repairs will be paid for by the owner.

2. If the service technician deems that the water leak is not caused by corrosion, the

technician can replace the faulty parts at the technician's risk. Raypak will supply the new components, the service technician will pay all charges and then there may be a refund when the parts have been returned to Raypak and we have agreed that the warranty is applicable.

3. If there is an objection to this policy, we suggest that the faulty components be submitted to an independent testing facility for analysis, at the customer's expense. If the testing facility deems that the leaking was caused by a manufacturing defect, on production of the official report and details of costs, Raypak will refund all relevant expenses incurred by the customer.

PART2 - SECTION II - OPERATING INSTRUCTIONS



RECOMMENDED SERVICE PROCEDURES

It is a Raypak requirement that all Raypak supplied equipment is serviced at least annually.

In some installations, due to the appliance location and/or workload it may be necessary to perform a service every six months.

RECOMMENDED SERVICE PROCEDURE FOR ANNUAL SERVICE.

- Isolate gas, electricity and water as required.
- Remove access covers and door(s) as required.
- Disconnect and remove Burner Tray.
- Dismantle and clean pilot assembly(ies), including injector(s).
- Clean and re-align electrode(s) and/or flame rod(s) and /or thermocouple(s).
- Clean main burner injectors and burner bars as required.
- Inspect, repair if minor and clean combustion chamber.
- Report on any major combustion chamber damage.
- Inspect external area of heat exchanger, clean fins and repair if minor.
- Check water seal area and report any damage.

- Operate Pressure Relief Valve (if Fitted) manually to check that the drain is clear and the valve reseals.
- Pool Heater: Remove and test Unitherm Governor(s), replace if faulty.
- Refit Burner Tray and reconnect gas train etc.
- Perform gas soundness tests to the gas train. (Any failures must be reported and repaired before recommissioning appliance.)
- Check all air vents and louvres, clean as required.
- Restore gas, electricity and water as required.
- Recommission unit, check and prove the operation of all safety devices.
- Check and monitor the operation of the appliance for at least ten (10) minutes.
- Refit access covers and doors as required.
- Clear and remove any dust and debris from the appliance and its immediate area.

RECOMMENDED SERVICE PROCEDURE FOR SIX MONTHLY SERVICE.

- Isolate gas, electricity and water as required.
- Remove access covers and doors as required.
- Restore the gas, electricity and water as required.
- Visually inspect main burner and pilot, check

operation if needed.

- If necessary, remove Burner Tray and service as required. (Refer to Annual Service).
- Check over the appliance thoroughly and report any damage immediately.
- Pool Heater: Remove and test Unitherm Governor(s), - (if faulty, Unitherm must be replaced before re-commissioning appliance).
- Check the heat exchanger and water seal areas and report any damage, if necessary.
- Check air vents and louvres, clean as required.
- Check operation of ignition system and all safety devices.
- Check operation and calibration of all temperature control devices.
- Check operation (and monitor the operation) of appliance for at least ten (10) minutes.
- Refit access covers and doors as required.
- Clean and remove any dust and debris from the appliance and its immediate area.

ONLY A SUITABLY LICENSED PERSON MAY PERFORM ANY REPAIRS, SERVICE AND/OR COMMISSIONING OF GAS APPLIANCES.

WARNING!

Rainbow

PART 4 - WARRANTY

RAYPAK WARRANTY FOR COMMERCIAL SWIMMING POOL HEATERS.

Raypak Australia Pty Ltd* will:

- a) repair or, if necessary, replace any Raypak pool heater; or
- b) replace any component (or, if necessary, arrange the installation of a new pool heater), which falls within the Warranty Periods specified below, in accordance with and subject to the following table and terms and conditions.

Component and Heat Exchanger Warranty
(From Date of Installation)

Period	12 Months
Installation	All Installations
Model	P0538 - P4224
Warranty	New component, tube bundle or heat exchanger (at Raypaks sole discretion) free of charge, including labour**

Notes:

* Rheem Australia Pty Ltd provides warranty service on behalf of Raypak Australia Pty Ltd.

**Refer to item 5 of warranty conditions.

Raypak Australia Pty Ltd reserves the right to transfer fully functional components from the defective pool heater to the replacement pool heater if required.

WARRANTY CONDITIONS

1. This warranty is applicable only to pool heaters manufactured from 1st August 2002.
2. The pool heater must be correctly commissioned by an authorised and licensed person and certified by the relevant State Gas Authority.
3. The pool heater must be installed in accordance with the Raypak installation instructions, supplied with the pool heater, and in accordance with all relevant statutory and local requirements of the State in which the pool heater is to be installed.
4. Where a failed component or pool heater is replaced under Warranty, the balance of the original warranty period will remain effective. The replaced part or pool heater does not carry a new warranty.

5. Where the pool heater is installed outside the boundaries of a metropolitan area as defined by Rheem Australia Pty Ltd or further than 25 km from a regional Rheem branch office or a Rheem Accredited Service Agent, the costs of transport, insurance and travelling between the nearest Rheem Australia Pty Ltd Accredited Service Agent's premises and the installed site shall be the owner's responsibility.

6. The warranty only applies to the pool heater and original or genuine (company) component replacement parts and therefore does not cover any plumbing or electrical parts supplied by the installer and not an integral part of the pool heater, eg. pressure limiting valve, stop cock, non-return valve, electrical switches, pumps, or fuse.

7. The pool heater must be sized to supply the hot water demand in accordance with the guidelines in Raypak Pool Heater literature.

WARRANTY EXCLUSIONS

1. REPAIR AND REPLACEMENT WORK WILL BE CARRIED OUT AS SET OUT IN THE RAYPAK POOL HEATER WARRANTY ABOVE, BUT THE FOLLOWING EXCLUSIONS MAY CAUSE THE POOL HEATER WARRANTY TO BECOME VOID, AND MAY INCUR A SERVICE CHARGE AND/OR COST OF PARTS.

- a) Accidental damage to the pool heater or any component, including: acts of God, failure due to misuse; incorrect installation; attempts to repair the pool heater other than by a Rheem Accredited Service Agent or Rheem Service.
- b) Where it is found there is nothing wrong with the pool heater, where the complaint is related to excessive discharge from the pressure relief valve due to high water pressure; where there is no flow of water due to faulty plumbing; where water leaks are related to plumbing and not the pool heater components; where there is a failure of gas, electricity or water supplies; where the supply of gas, electricity or water does not comply with relevant codes or acts.
- c) Where the pool heater or pool heater component failed directly as a result of; excessive water pressure, temperature and/or thermal input; incorrect flow rate through the heat exchanger; corrosive atmosphere.
- d) Where the pool heater is located in a position that does not comply with the

Raypak installation instructions or relevant statutory requirements, causing the need for major dismantling or removal of cupboards, doors or walls, or use of special equipment to bring the pool heater to floor level, or to a serviceable position.

e) Repairs to the pool heater due to corrosion or scale formation in the waterways where the pool water chemistry is outside the guidelines detailed in the Operating and Installation Instructions.

2. SUBJECT TO ANY STATUTORY PROVISIONS TO THE CONTRARY, THIS WARRANTY EXCLUDES ANY AND ALL CLAIMS FOR DAMAGE TO FURNITURE, WALLS, FOUNDATIONS OR ANY OTHER CONSEQUENTIAL LOSS EITHER DIRECTLY OR INDIRECTLY DUE TO LEAKAGE FROM THE POOL HEATER.

In addition to this warranty, the Trade Practices Act 1974 and similar laws in each state and territory provide the owner under certain circumstances with certain minimum statutory rights in relation to your Raypak pool heater. This warranty must be read subject to that legislation and nothing in this warranty has the effect of excluding, restricting or modifying those rights.

FOR SERVICE TELEPHONE

Raypak Australia Pty Ltd

A.B.N. 65 078 743 414

131 031 AUSTRALIA

0800 657 335 NEW ZEALAND

or refer to local Yellow Pages

NOTE: Every care has been taken to ensure accuracy in preparation of this publication. No liability can be accepted for any consequences, which may arise as a result of its application.

NOTES

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RHEEM SERVICE 131 031
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